

1 **ABSTRACT OF THE DISCLOSURE**

2 A generator generates electricity when the generator is pressed and has
3 a stator, a rotor, a drive shaft, a biasing member and a top cover. The rotor is
4 mounted in the stator and has a central hole with at least one key. The drive shaft
5 is slidably mounted in the central hole in the rotor base and has at least one spiral
6 groove in which the at least one key on the rotor is mounted. The biasing
7 member is mounted between the base and the drive shaft to provide a restitution
8 force to the drive shaft when the drive shaft is pressed down manually. The top
9 cover has a central bore through which the top of the drive shaft non-rotatably
10 extends. Accordingly, movement of the drive shaft causes the rotor to rotate
11 relative to the stator and generate electricity.